



D-Fend Solutions Military Vehicle Kit

**PROTECTING MILITARY FORCES
ON THE MOVE FROM HOSTILE UAVs**

Military Mobility for C-UAS: A Moving Bubble of Protection

Commercial drones are increasingly used in asymmetrical warfare, as well as conventional military conflicts, including for explosive attacks, gathering intelligence on troop movements and formations, and disrupting aircraft flight patterns. Soldiers must be able to move freely, with protection against rogue drone attacks and surveillance.

D-Fend Solutions' **Military Vehicle Kit** offers uncompromised mobility and protection **ON THE MOVE** for all classes of military vehicles with non-jamming mitigation technology that does not interfere with the vehicle's GPS signals or communications systems.



Main Features & Benefits

Comprehensive Coverage

Omnidirectional antenna for 360° coverage, for wide area coverage and protection from all directions

Constant Power

Independent power source for 24-hour continuous operation

Autonomy

Optional autonomous mode, for staffing optimization

Fast Setup

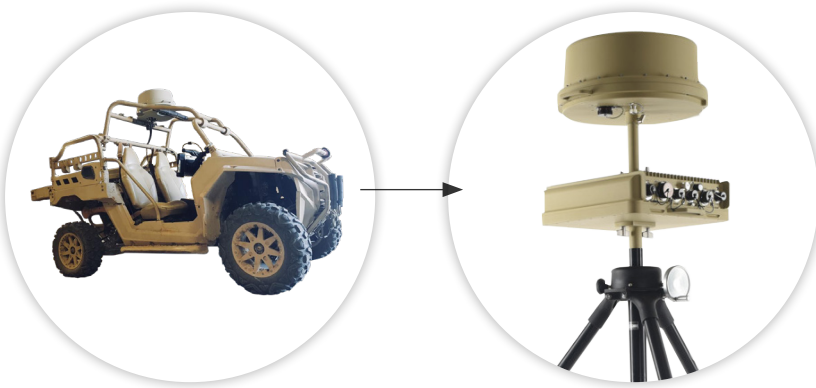
Rapid installation within minutes

Ease of use

Intuitive graphical user interface, easy-to-use tablet

Dual Use

Setup kit for mobile and tactical deployments, with easy transition from vehicle to a tripod



- Separately sold **deployment kit extension** to core software-defined radio-based EnforceAir system
- **Ruggedized and certified**, designed to withstand broad range of environmental conditions; MIL-STD-810G certified and IP66 compliant
- **Tested and proven** with hundreds of deployments worldwide, and thousands of ongoing operational hours

Maintaining Military Mobility

Military and special forces operators can choose to set the system to protect their vehicle, their surroundings or a specific area, such as a military base or field of operation, while stationary or patrolling.

The Military Vehicle kit can be combined with D-Fend Solutions' [Ground-Level Tactical kit](#) to easily switch between deployment options during operations. The two kits can utilize the same SDR and military antenna radome for on-the-move and ad-hoc stationary deployments with no tools required.

Main Components

- **Ground-Level Military Antenna**

Ultra-wide-band antenna for ground deployments, with 360° azimuth coverage and 0-40° elevation coverage

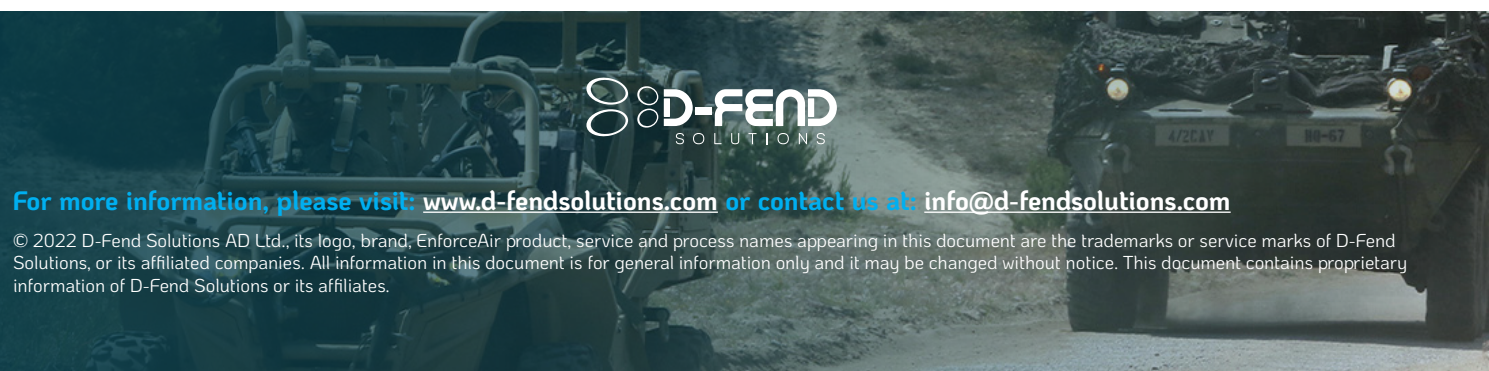
- **Military Vehicle Cradle for the Military Antenna**

Shock-absorbing 810F military-standard (MIL) cradle for ground-level MIL antenna, designed for ad-hoc or permanent installation in a military vehicle

- **Military Vehicle Cradle for SDR**

Shock-absorbing 810F MIL cradle tailored for SDR unit, which can be rapidly removed from the vehicle for tactical deployment on tripod

Technical Specifications	
Frequency Range	420MHz to 6GHz
Radiation Pattern	Omnidirectional
Gain	0dBi
VSWR	≤3.0
Polarization	Nominally vertical
Nominal Impedance	50 Ω
Radiator	Radome protected
RF Connection	Female N-type for GPS, multi-pin RF connector
Operating Temperature	-30°C to +50°C
Dimensions	Antenna: Height: 244mm Diameter: 464mm Antenna Cradle: Height: 88.7mm Diameter: 464mm Military Vehicle Cradle: Height: 89.7mm Width: 578mm Length: 540mm Portable Power System: Height: 287mm Width: 274mm Length: 325mm



For more information, please visit: www.d-fendsolutions.com or contact us at: info@d-fendsolutions.com

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